

ABSTRACT

Embodiments of a peer-to-peer-based content sharing/distribution network (CDN). In embodiments, some peers are content publishers while other peers are content
5 consumers. When a consumer peer gets content from a content publisher, the consumer peer may become a content publisher that may be accessed by other peers. If a peer desires a particular content, the peer may get the content from a nearby content publisher, saving access to a central server. The more a content is in demand, the more likely it is to be replicated, and hence more likely to be found by consumer peers on nearby content
10 publisher peers. If a content publisher peer does not have all of a requested content, the requesting peer may be redirected to another content publisher peer to obtain the missing content. Embodiments may be implemented in peer-to-peer networks implemented according to a peer-to-peer platform.